CLAIMS

1. A composite tube consisting of at least one corrosion resistant member and one load-carrying member characterised in that the corrosion resistant member is a Cu-Al alloy in a thickness of at least 0.5 mm, and that the load-carrying member is an alloy based on Fe, Ni or Co, in a thickness of 1-15 mm.

2. A composite tube according to claim 1 characterised in that the corrosion resistant member is located on the inside and/or outside of the load-bearing member.

3. A composite tube according to claim 1 characterised in that the corrosion resistant member is metallurgically bonded to the load-bearing member at least along a part of the contact surface, preferably at least along 60 % of the contact surface.

4. A composite tube according to any of the previous claims characterised in that the composition of the Cu-Al alloy is (all in weight %):

Al	2 - 20
Si	>0 – 6
Fe+Ni+Co+Mn	0 – 20
REM	0 - 3

balance Cu and normally occurring alloying additions and impurities.

5. A composite tube according to any of the preceding claims characterised in that the tube has an outer diameter of 10-400 mm, preferably 35-200 mm.

6. A composite tube according to any of the preceding claims characterised in that the tube has a total wall thickness of 1.5-20 mm.

7. Method of producing a composite tube according to any of the preceding claims characterised in that a load-bearing tube is provided and that the corrosion resistant tube is applied onto the load-bearing tube by overlay welding.

8. Method of inhibiting metal dusting, carburisation and/or coking in environments where the activity of carbon is close to 1 or higher characterised in that a composite tube according to any of the preceding claims is used as construction material.

9. Method according to claim 8 characterised in that the corrosion resistant member is located closest to the environment where the activity of carbon is close to 1 or higher.